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EMPLOYMENT HOURS AND EARNINGS

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NONFARM EMPLOYMENT INCHES UP IN FEBRUARY
AVERAGE WORKWEEK LENGTHENS

AFTER A DARKENED EMPLOYMENT PICTURE DEVELOPED IN JANUARY, NONAGRICULTURAL EMPLOYMENT BRIGHTENED SLIGHTLY IN FEBRUARY. A small rise in nonfarm worker totals brought employment to 2,140,600 in Virginia. During January's snows and extremely cold weather, many workers were placed on temporary furloughs and fewer hours of work were scheduled. The return to work of many of these persons accounts for the 700 over-the-month pickup. January and February have traditionally been the low employment months of the year, and February 1982 was well below the peak months of June, September and December 1981. Uptrends during the February survey period were noted by manufacturing, construction, services, and government. Counteracting this up were downs by the trade, transportation and public utilities and the mining segments of the economy. The finance, insurance and real estate's employment level remained unchanged over the month.

MANUFACTURING EMPLOYMENT MOVED TO THE PLUS SIDE OF THE LEDGER FOR THE FIRST TIME IN FOUR MONTHS. The 402,900 men and women on manufacturing payrolls in February reflect a 200 increase over January. Reopenings after plant closings were numerous; however, continued layoffs plagued many manufacturers and negated most of these recalls. Both durable and nondurable goods producers have experienced retrenchments over the year and employment was 8,200 below year-ago levels. Weakened economic conditions, a lack of new orders, and too high inventories continued to keep employers from making additions to their payrolls. Average weekly earnings of Virginia's 307,100 factory production workers at $277.92 were $27.39 more than in the previous month and $16.30 above a year ago. Average hourly earnings at $7.20 declined two cents over the month but were 61 cents over last year. After January's unusually short average workweek, due primarily to inclement weather, the workweek rebounded somewhat and at 38.6 hours was 3.9 hours longer. When the workweek was compared to February 1981, a decline of 1.1 hours was recorded. The state's pattern for hours worked was the same for all of the major metropolitan areas.

INCREASES IN JOB HOLDERS WERE ALSO REGISTERED IN SERVICES, GOVERNMENT AND CONSTRUCTION. The upturn of 2,300 to services payrolls was mainly either seasonal or tourist-related. Establishments that offer assistance to taxpayers added to their numbers and businesses, such as hotels, motels and amusement centers, began to prepare for the expected influx of visitors during the spring and summer months. Government's increase was centered in school systems across the Commonwealth. Although construction recorded an over-the-month rise of 1,000, this was unusual for February as these were workers who had been recalled after temporary layoffs in January. Since December 1981 construction workers have decreased by 11,600, and when compared with February 1981, workers have dwindled by 8,800.

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	FEB. 1982	JAN. 1982	FEB. 1981	JAN. 1982	FEB. 1981
TOTAL NONAGRICULTURAL	2,140.6	2,139.9	2,122.4	.7	18.2
MANUFACTURING	402.9	402.7	411.1	.2	- 8.2
DURABLE GOODS	182.8	182.5	188.5	.3	- 5.7
LUMBER AND WOOD PRODUCTS	21.5	21.0	21.5	.5	.0
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	5.5	5.4	5.7	.1	- .2
WOOD CONTAINERS	1.7	1.7	1.7	.0	.0
WOOD BLDGS. & MOBILE HOMES	2.4	2.1	2.1	.3	.3
MISC. WOOD PRODUCTS	2.3	2.3	2.4	.0	- .1
FURNITURE AND FIXTURES	24.0	24.2	26.1	- .2	- 2.1
HOUSEHOLD AND OFFICE FURNITURE	22.7	22.9	24.8	- .2	- 2.1
STONE, CLAY & GLASS PRODUCTS	11.5	11.8	12.8	- .3	- 1.3
STRUCTURAL CLAY PRODUCTS	0.4	0.5	0.6	- .1	- .2
CONCRETE, GYPSUM AND PLASTER PRODUCTS	6.3	6.5	6.9	- .2	- .6
GLASS AND GLASS PRODUCTS	1.9	2.0	2.1	- .1	- .2
PRIMARY METAL INDUSTRIES	11.2	11.4	12.1	- .2	- .9
FABRICATED METAL PRODUCTS	19.6	19.7	20.1	- .1	- .5
FABRICATED STRUCTURAL METAL PRODUCTS	11.9	12.1	12.8	- .2	- .9
MACHINERY EXCEPT ELECTRICAL	15.1	15.1	15.7	.0	- .6
CONSTRUCTION AND RELATED MACHINERY	4.8	4.8	5.0	.0	- .2
SPECIAL INDUSTRY MACHINERY	1.9	1.9	1.9	.0	.0
REFRIGERATION AND SERVICE MACHINERY	2.1	2.1	1.9	.0	.2
ELECTRIC & ELECTRONIC EQUIPMENT	35.8	35.9	35.4	- .1	.4
COMMUNICATION EQUIPMENT	10.2	10.1	9.8	.1	.4
ELECTRONIC COMPONENTS AND ACCESSORIES	6.1	6.0	5.9	.1	.2
TRANSPORTATION EQUIPMENT	37.8	37.0	38.1	.8	- .3
INSTRUMENTS & RELATED PRODUCTS	3.9	3.9	4.1	.0	- .2
MISC. MANUFACTURING INDUSTRIES	2.5	2.5	2.7	.0	- .2
NONDURABLE GOODS	220.0	220.2	222.6	- .2	- 2.6
FOOD & KINDRED PRODUCTS	40.2	39.7	39.9	.5	.3
MEAT PRODUCTS	13.7	13.8	13.5	- .1	.2
DAIRY PRODUCTS	2.6	2.6	2.4	.0	.2
PRESERVED FRUITS AND VEGETABLES	3.8	3.4	3.8	.4	.0
BAKERY PRODUCTS	4.7	4.6	4.8	.1	- .1
BEVERAGES	5.6	5.5	5.3	.1	.3
TOBACCO MANUFACTURES	18.7	19.0	18.2	- .3	.5
CIGARETTES	16.2	16.2	15.6	.0	.6
CIGARS AND CHEWING AND SMOKING TOBACCO	0.5	0.5	0.6	.0	- .1
TOBACCO STEMMING AND REDRYING	1.9	2.2	2.0	- .3	- .1
TEXTILE MILL PRODUCTS	42.5	42.8	44.7	- .3	- 2.2
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	18.9	19.1	19.2	- .2	- .3
NARROW FABRIC MILLS	0.7	0.7	1.0	.0	- .3
KNITTING MILLS	13.3	13.3	14.5	.0	- 1.2
TEXTILE FINISHING EXCEPT WOOL	4.4	4.4	4.8	.0	- .4
YARN AND THREAD MILLS	2.4	2.4	2.5	.0	- .1
MISC. TEXTILE GOODS	1.2	1.2	1.2	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	32.6	32.3	32.4	.3	.2
MENS & BOYS SUITS, COATS AND FURNISHINGS	10.8	10.7	11.3	.1	- .5
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	18.2	18.1	17.9	.1	.3
MISC. FABRICATED TEXTILE PRODUCTS	1.9	1.7	1.5	.1	.3
PAPER & ALLIED PRODUCTS	14.8	14.9	15.1	- .1	- .3
PULP, PAPER & PAPERBOARD	8.0	8.0	8.0	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	6.6	6.7	6.7	- .1	- .1
MISC. CONVERTED PAPER PRODUCTS	2.8	2.8	2.8	.0	.0
PAPERBOARD CONTAINERS AND BOXES	3.8	3.9	3.9	- .1	- .1
PRINTING AND PUBLISHING	23.2	23.1	22.9	.1	.3
NEWSPAPER AND PERIODICALS	8.4	8.4	8.4	.0	.0
COMMERCIAL PRINTING	9.4	9.3	9.2	.1	.2
CHEMICALS & ALLIED PRODUCTS	32.9	33.1	33.8	- .2	- .9
INDUSTRIAL INORGANIC CHEMICALS	0.9	0.9	0.9	.0	.0
PLASTICS MATERIALS AND SYNTHETICS	19.8	20.0	20.8	- .2	- 1.0
DRUGS	3.3	3.3	3.1	.0	.2
AGRICULTURAL CHEMICALS	1.3	1.3	1.5	.0	- .2
MISC. CHEMICAL PRODUCTS	4.3	4.3	4.1	.0	.2
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	11.9	12.0	12.0	- .1	- .1
MISC. PLASTICS PRODUCTS	5.9	6.1	6.0	- .2	- .1
RUBBER & RUBBER PRODUCTS	5.6	5.5	5.7	.1	- .1
LEATHER & LEATHER PRODUCTS	3.3	3.3	3.6	.0	- .3

(Continued on page 3)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 2)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	FEB. 1982	JAN. 1982	FEB. 1981	JAN. 1982	FEB. 1981
NONMANUFACTURING	1,737.7	1,737.2	1,711.3	.5	26.4
MINING	23.3	23.4	22.6	- .1	.7
BITUMINOUS COAL AND LIGNITE MINING	21.2	21.2	19.8	.0	1.4
CONSTRUCTION	99.5	98.5	108.3	1.0	- 8.8
TRANSPORTATION & PUBLIC UTILITIES	117.3	117.7	114.5	- .4	2.8
RAILROAD TRANSPORTATION	13.6	13.6	13.3	.0	.3
TRUCKING & WAREHOUSING	26.6	26.6	26.8	.0	- .2
TRANSPORTATION BY AIR	11.2	11.2	11.8	.0	- .6
COMMUNICATION	33.2	33.1	31.4	.1	1.8
ELECTRIC, GAS & SANITARY SERVICES	18.1	18.0	17.0	.1	1.1
WHOLESALE & RETAIL TRADE	465.8	469.7	447.4	- 3.9	18.4
WHOLESALE TRADE	108.1	108.0	106.5	.1	1.6
WHOLESALE TRADE - DURABLE GOODS	65.7	65.6	65.3	.1	.4
WHOLESALE TRADE - NONDURABLE GOODS	42.4	42.4	41.2	.0	1.2
RETAIL TRADE	357.7	361.6	340.9	- 3.9	16.8
GENERAL MERCHANDISE STORES	56.4	59.7	56.4	- 3.3	.0
DEPARTMENT STORES	45.5	48.6	46.1	- 3.1	- .6
VARIETY STORES	9.2	9.4	8.6	- .2	.6
FOOD STORES	56.7	56.8	55.9	- .1	.8
AUTOMOTIVE DEALERS AND SERVICE STATIONS	42.8	42.9	43.2	- .1	- .4
FURNITURE AND HOME FURNISHING STORES	18.0	17.8	16.7	.2	1.3
MISCELLANEOUS RETAIL	46.7	47.3	45.2	- .6	1.5
FINANCE, INSURANCE AND REAL ESTATE	105.4	105.4	104.3	.0	1.1
BANKING	34.8	34.7	33.4	.1	1.4
INSURANCE CARRIERS	20.1	20.2	20.3	- .1	- .2
REAL ESTATE	24.8	24.8	25.3	.0	- .5
SERVICES	415.2	412.9	400.4	2.3	14.8
PERSONAL SERVICES	25.3	25.2	25.0	.1	.3
BUSINESS SERVICES	82.1	82.0	79.3	.1	2.8
AUTO & MISC. REPAIR SERVICE	17.3	17.1	17.1	.2	.2
HEALTH SERVICES	111.6	111.3	107.8	.3	3.8
GOVERNMENT	511.3	509.7	513.8	1.6	- 2.5
FEDERAL GOVERNMENT	157.8	157.6	154.1	.2	3.7
STATE & LOCAL GOVERNMENT	353.5	352.1	359.7	1.4	- 6.2
STATE GOVERNMENT	126.6	126.4	125.0	.2	1.6
LOCAL GOVERNMENT	226.9	225.7	234.8	1.2	- 7.9

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to 1st Qtr. 1981 benchmark levels.

NONFARM EMPLOYMENT INCHES UP IN FEBRUARY
AVERAGE WORKWEEK LENGTHENS

(continued from page 1)

COUNTERBALANCING THE OVER-THE-MONTH INCREASES WERE DOWNTURNS IN TRADE, MINING AND TRANSPORTATION AND PUBLIC UTILITIES THAT TOTALED 4,400. The brunt of the shrinkage was carried by the trade sector where 3,900 fewer persons were working. Department stores were the most adversely affected by the layoffs and mirrored consumer caution and hesitancy to spend. Decreases in mining and transportation were small and scattered.

THE BUREAU OF LABOR STATISTIC'S PRODUCER PRICE INDEX for all commodities was 298.5 (1967=100) in February 1982 and represents a monthly increase of 0.1 percent and a yearly gain of 3.8 percent. The index for finished goods at 277.4 was unchanged over the month and 5.4 percent above last year.

THE ALL URBAN CONSUMER PRICE INDEX for February 1982 was 283.4 (1967=100) - a 0.3 percent increase over the month and a 7.7 percent increase over the year. The Wage Earners and Clerical Workers Index rose 0.3 percent over the month to 282.9 (1967=100). The over-the-year increase was 7.4 percent.

Data for March 1982 will be available on April 23, 1982 and may be obtained by calling 804-786-4490.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS BY INDUSTRY DIVISIONS ANNUAL AVERAGES 1970 - 1981 JANUARY 1978 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,146.8	413.8	22.7	128.3	115.8	451.2	105.9	397.9	511.2
1981	2,160.1	411.9	21.4	115.7	116.6	462.8	106.2	415.8	509.6
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,046.7	411.4	23.7	120.3	111.7	430.6	100.5	358.9	489.6
February	2,026.6	402.2	23.3	114.3	110.6	424.2	100.8	362.4	488.8
March	2,058.8	406.7	23.6	126.1	112.2	429.7	100.8	369.9	489.8
April	2,091.8	407.7	23.6	135.3	111.4	439.1	102.3	380.3	492.1
May	2,113.2	409.7	23.7	141.0	112.4	443.0	103.3	384.9	495.2
June	2,140.9	412.3	23.8	147.0	116.2	445.8	105.9	390.9	499.0
July	2,137.9	414.8	23.4	150.8	116.4	442.1	107.6	394.2	488.6
August	2,143.0	417.4	23.3	151.2	116.4	445.0	108.0	395.8	485.9
September	2,148.7	420.3	22.9	147.6	116.2	448.2	106.3	392.9	494.3
October	2,152.6	421.5	22.9	144.5	115.5	453.5	105.7	391.3	497.7
November	2,159.8	421.6	22.7	143.5	115.3	459.0	105.6	391.8	500.3
December	2,160.0	420.3	22.8	139.5	115.6	466.0	106.2	389.1	500.5
1980:									
January	2,098.7	415.3	22.4	124.5	112.7	441.7	104.3	376.2	501.6
February	2,092.7	416.4	22.1	120.3	112.6	435.3	104.1	378.0	503.9
March	2,107.9	416.9	22.2	122.7	113.2	437.8	104.4	383.7	507.0
April	2,139.8	414.2	22.7	128.8	115.5	446.0	104.8	395.9	511.9
May	2,152.7	413.0	22.8	131.7	115.8	449.0	105.7	399.7	515.0
June	2,169.0	410.7	23.0	134.1	117.1	450.6	107.6	407.5	518.4
July	2,149.6	403.8	22.8	134.0	117.1	451.4	108.0	408.9	503.6
August	2,162.1	411.1	22.9	134.3	117.5	454.3	108.0	410.8	503.2
September	2,170.0	414.1	22.8	131.5	116.6	455.5	106.9	406.6	516.0
October	2,169.5	416.8	22.8	129.1	116.8	457.3	105.9	405.8	515.0
November	2,170.4	416.9	22.9	126.3	117.0	463.1	105.6	401.4	517.2
December	2,178.2	415.7	22.9	122.8	117.4	472.4	106.1	400.7	520.2
1981:									
January	2,124.0	411.4	22.5	108.9	114.4	451.0	104.5	399.7	511.6
February	2,122.4	411.1	22.6	108.3	114.5	447.4	104.3	400.4	513.8
March	2,140.0	413.0	22.7	113.0	115.0	448.7	105.1	406.8	515.8
April	2,146.2	411.8	12.9	116.5	116.6	454.7	105.9	413.5	516.4
May	2,154.3	412.9	13.0	118.1	115.1	458.2	105.9	415.7	515.5
June	2,187.1	413.2	22.4	121.2	118.0	464.5	107.6	424.7	515.6
July	2,171.9	410.5	22.7	121.4	118.6	465.1	108.1	427.7	497.8
August	2,169.6	412.4	23.2	120.9	119.4	466.6	108.0	426.9	493.2
September	2,178.9	416.1	23.5	118.4	117.9	468.6	107.5	423.7	503.2
October	2,175.4	411.9	23.6	116.5	118.0	471.1	106.5	418.9	509.0
November	2,174.7	410.4	23.9	113.9	117.6	475.1	105.8	416.0	511.9
December	2,176.2	408.5	23.5	111.1	117.6	483.1	105.7	415.6	511.1
1982:									
January	2,139.9	402.7	23.4	98.5	117.7	469.7	105.4	412.9	509.7
February	2,140.6	402.9	23.3	99.5	117.3	465.8	105.4	415.2	511.3

See footnote Table A-1.

Table A-3.

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	FEB. 1982	JAN. 1982	FEB. 1981	JAN. 1982	FEB. 1981
TOTAL NONAGRICULTURAL	932.1	930.0	907.4	2.1	24.7
MANUFACTURING	144.4	144.3	145.7	.1	- 1.3
DURABLE GOODS	46.4	46.4	46.4	.0	.0
LUMBER AND WOOD PRODUCTS	3.8	3.8	3.8	.0	.0
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	1.5	1.4	1.5	.1	.0
WOOD CONTAINERS	0.4	0.4	0.4	.0	.0
WOOD BLDGS. & MOBILE HOMES	0.3	0.3	0.2	.0	.1
MISC. WOOD PRODUCTS	0.5	0.5	0.5	.0	.0
FURNITURE AND FIXTURES	9.1	9.0	9.4	.1	- .3
HOUSEHOLD AND OFFICE FURNITURE	8.7	8.6	9.1	.1	- .4
STONE, CLAY & GLASS PRODUCTS	1.6	1.6	1.6	.0	.0
STRUCTURAL CLAY PRODUCTS	0.0	0.0	0.0	.0	.0
CONCRETE, GYPSUM AND PLASTER PRODUCTS	0.4	0.4	0.5	.0	- .1
GLASS AND GLASS PRODUCTS	0.4	0.5	0.4	- .1	.0
PRIMARY METAL INDUSTRIES	1.7	1.6	1.8	.1	- .1
FABRICATED METAL PRODUCTS	3.8	3.7	3.4	.1	.4
FABRICATED STRUCTURAL METAL PRODUCTS	1.6	1.6	1.6	.0	.0
MACHINERY EXCEPT ELECTRICAL	2.4	2.4	2.6	.0	- .2
CONSTRUCTION AND RELATED MACHINERY	0.6	0.7	0.7	- .1	- .1
SPECIAL INDUSTRY MACHINERY	0.2	0.2	0.2	.0	.0
REFRIGERATION AND SERVICE MACHINERY	0.4	0.4	0.4	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	15.8	16.0	15.6	- .2	.2
COMMUNICATION EQUIPMENT	5.1	5.1	4.9	.0	.2
ELECTRONIC COMPONENTS AND ACCESSORIES	2.4	2.5	2.4	- .1	.0
TRANSPORTATION EQUIPMENT	5.1	5.2	5.4	- .1	- .3
INSTRUMENTS & RELATED PRODUCTS	1.9	1.9	1.7	.0	.2
MISC. MANUFACTURING INDUSTRIES	1.2	1.2	1.1	.0	.1
NONDURABLE GOODS	98.1	98.0	99.3	.1	- 1.2
FOOD & KINDRED PRODUCTS	15.4	15.1	14.8	.3	.6
MEAT PRODUCTS	5.9	5.9	5.9	.0	.0
DAIRY PRODUCTS	0.6	0.6	0.4	.0	.2
PRESERVED FRUITS AND VEGETABLES	2.1	1.8	1.7	.3	.4
BAKERY PRODUCTS	1.3	1.3	1.3	.0	.0
BEVERAGES	0.7	0.7	0.7	.0	.0
TOBACCO MANUFACTURES	5.8	5.9	6.1	- .1	- .3
CIGARETTES	5.0	5.0	5.2	.0	- .2
CIGARS AND CHEWING AND SMOKING TOBACCO	0.2	0.2	0.2	.0	.0
TOBACCO STEMMING AND REDRYING	0.6	0.7	0.7	- .1	- .1
TEXTILE MILL PRODUCTS	22.9	23.1	24.4	- .2	- 1.5
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	8.6	8.7	8.7	- .1	- .1
NARROW FABRIC MILLS	0.4	0.4	0.5	.0	- .1
KNITTING MILLS	9.9	9.8	10.9	.1	- 1.0
TEXTILE FINISHING EXCEPT WOOL	1.6	1.6	1.7	.0	- .1
YARN AND THREAD MILLS	1.3	1.4	1.4	- .1	- .1
MISC. TEXTILE GOODS	0.4	0.4	0.4	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	29.4	29.2	29.4	.2	.0
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.8	9.7	10.2	.1	- .4
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	16.9	16.8	16.7	.1	.2
MISC. FABRICATED TEXTILE PRODUCTS	1.2	1.1	1.0	.1	.2
PAPER & ALLIED PRODUCTS	2.7	2.7	2.7	.0	.0
PULP, PAPER & PAPERBOARD	0.8	0.8	0.8	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	1.9	1.9	1.8	.0	.1
MISC. CONVERTED PAPER PRODUCTS	1.2	1.2	1.1	.0	.1
PAPERBOARD CONTAINERS AND BOXES	0.7	0.7	0.7	.0	.0
PRINTING AND PUBLISHING	8.3	8.3	7.9	.0	.4
NEWSPAPER AND PERIODICALS	3.2	3.2	3.1	.0	.1
COMMERCIAL PRINTING	2.5	2.5	2.4	.0	.1
CHEMICALS & ALLIED PRODUCTS	8.6	8.7	8.8	- .1	- .2
INDUSTRIAL INORGANIC CHEMICALS	0.2	0.2	0.2	.0	.0
PLASTICS MATERIALS AND SYNTHETICS	5.0	5.0	5.3	.0	- .3
DRUGS	1.2	1.2	1.2	.0	.0
AGRICULTURAL CHEMICALS	0.4	0.4	0.4	.0	.0
MISC. CHEMICAL PRODUCTS	0.8	0.8	0.7	.0	.1
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	2.5	2.5	2.6	.0	- .1
MISC. PLASTICS PRODUCTS	1.7	1.7	1.7	.0	.0
RUBBER & RUBBER PRODUCTS	0.8	0.8	0.9	.0	- .1
LEATHER & LEATHER PRODUCTS	2.4	2.4	2.6	.0	- .2

(Continued on page 7)

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 6)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	FEB. 1982	JAN. 1982	FEB. 1981	JAN. 1982	FEB. 1981
NONMANUFACTURING	787.6	785.7	761.8	1.9	25.8
MINING	3.1	3.1	2.9	.0	.2
BITUMINOUS COAL AND LIGNITE MINING	3.0	3.0	2.8	.0	.2
CONSTRUCTION	9.1	9.1	8.6	.0	.5
TRANSPORTATION & PUBLIC UTILITIES	31.1	31.1	29.5	.0	1.6
RAILROAD TRANSPORTATION	1.8	1.8	1.7	.0	.1
TRUCKING & WAREHOUSING	3.3	3.3	3.1	.0	.2
TRANSPORTATION BY AIR	4.3	4.4	4.4	- .1	- .1
COMMUNICATION	16.0	16.0	14.8	.0	1.2
ELECTRIC, GAS & SANITARY SERVICES	4.0	4.0	3.6	.0	.4
WHOLESALE & RETAIL TRADE	211.0	213.5	197.8	- 2.5	13.2
WHOLESALE TRADE	27.3	27.3	25.0	.0	2.3
WHOLESALE TRADE - DURABLE GOODS	16.0	16.0	15.2	.0	.8
WHOLESALE TRADE - NONDURABLE GOODS	11.3	11.4	9.8	- .1	1.5
RETAIL TRADE	183.7	186.2	172.8	- 2.5	10.9
GENERAL MERCHANDISE STORES	39.6	41.9	40.0	- 2.3	- .4
DEPARTMENT STORES	30.8	32.9	31.3	- 2.1	- .5
VARIETY STORES	7.7	7.8	7.7	- .1	.0
FOOD STORES	23.7	23.7	23.1	.0	.6
AUTOMOTIVE DEALERS AND SERVICE STATIONS	8.8	8.9	8.4	- .1	.4
FURNITURE AND HOME FURNISHING STORES	6.2	6.1	5.4	.1	.8
MISCELLANEOUS RETAIL	28.0	28.4	26.9	- .4	1.1
FINANCE, INSURANCE AND REAL ESTATE	62.7	62.1	60.5	.1	1.7
BANKING	25.2	25.1	24.1	.1	1.1
INSURANCE CARRIERS	11.2	11.1	11.2	.1	.0
REAL ESTATE	9.9	9.9	9.5	.0	.4
SERVICES	234.5	232.5	226.3	2.0	8.2
PERSONAL SERVICES	15.8	15.8	15.4	.0	.4
BUSINESS SERVICES	33.9	33.9	32.9	.0	1.0
AUTO & MISC. REPAIR SERVICE	3.9	3.9	3.8	.0	.1
HEALTH SERVICES	92.7	92.1	88.4	.6	4.3
GOVERNMENT	238.7	236.2	238.1	2.5	.6
FEDERAL GOVERNMENT	56.0	55.7	54.0	.3	2.0
STATE & LOCAL GOVERNMENT	182.7	180.4	184.1	2.3	- 1.4
STATE GOVERNMENT	59.3	59.2	60.5	.1	- 1.2
LOCAL GOVERNMENT	123.4	121.3	123.6	2.1	- .2

See footnote Table A-1.

Table A-4.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS FEB. 1982	EMPLOYMENT IN THOUSANDS JAN. 1982	EMPLOYMENT IN THOUSANDS FEB. 1981	NET CHANGE FROM JAN. 1982	NET CHANGE FROM FEB. 1981
MANUFACTURING	307.1	306.6	316.1	.5	- 9.0
DURABLE GOODS	136.8	136.3	143.5	.5	- 6.7
LUMBER AND WOOD PRODUCTS	18.2	17.6	18.3	.6	- .1
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	4.6	4.5	4.8	.1	- .2
WOOD CONTAINERS	1.6	1.6	1.6	.0	.0
WOOD BLDGS. & MOBILE HOMES	1.7	1.5	1.6	.2	.1
MISC. WOOD PRODUCTS	2.0	2.1	2.1	- .1	- .1
FURNITURE AND FIXTURES	20.1	20.4	22.1	- .3	- 2.0
HOUSEHOLD AND OFFICE FURNITURE	19.3	19.5	21.2	- .2	- 1.9
STONE, CLAY & GLASS PRODUCTS	8.8	9.0	10.1	- .2	- 1.3
STRUCTURAL CLAY PRODUCTS	0.3	0.3	0.5	.0	- .2
CONCRETE, GYPSUM AND PLASTER PRODUCTS	4.7	4.9	5.4	- .2	- .7
GLASS AND GLASS PRODUCTS	1.5	1.6	1.6	- .1	- .1
PRIMARY METAL INDUSTRIES	6.0	6.3	6.9	- .3	- .9
FABRICATED METAL PRODUCTS	13.0	13.1	13.5	- .1	- .5
FABRICATED STRUCTURAL METAL PRODUCTS	6.7	6.8	7.6	- .1	- .9
MACHINERY EXCEPT ELECTRICAL	10.5	10.5	11.0	.0	- .5
CONSTRUCTION AND RELATED MACHINERY	3.0	2.9	3.1	.1	- .1
SPECIAL INDUSTRY MACHINERY	1.2	1.2	1.2	.0	.0
REFRIGERATION AND SERVICE MACHINERY	1.5	1.5	1.3	.0	.2
ELECTRIC & ELECTRONIC EQUIPMENT	23.4	23.6	23.6	- .2	- .2
COMMUNICATION EQUIPMENT	6.3	6.3	6.1	.0	.2
ELECTRONIC COMPONENTS AND ACCESSORIES	3.6	3.6	3.6	.0	.0
TRANSPORTATION EQUIPMENT	31.9	31.1	33.0	.8	- 1.1
INSTRUMENTS & RELATED PRODUCTS	2.7	2.8	2.8	- .1	- .1
MISC. MANUFACTURING INDUSTRIES	2.0	2.1	2.2	- .1	- .2
NONDURABLE GOODS	170.3	170.3	172.7	.0	- 2.4
FOOD & KINDRED PRODUCTS	30.5	30.0	29.9	.5	.6
MEAT PRODUCTS	11.9	12.0	11.7	- .1	.2
DAIRY PRODUCTS	1.6	1.6	1.3	.0	.3
PRESERVED FRUITS AND VEGETABLES	3.4	3.1	3.3	.3	.1
BAKERY PRODUCTS	2.4	2.3	2.6	.1	- .2
BEVERAGES	2.7	2.6	2.5	.1	.2
TOBACCO MANUFACTURES	13.3	13.6	13.0	- .3	.3
CIGARETTES	11.7	11.6	11.2	.1	.5
CIGARS AND CHEWING AND SMOKING TOBACCO	0.4	0.4	0.4	.0	.0
TOBACCO STEMMING AND REDRYING	1.2	1.6	1.4	- .4	- .2
TEXTILE MILL PRODUCTS	37.9	38.1	39.9	- .2	- 2.0
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	16.7	16.9	16.9	- .2	- .2
NARROW FABRIC MILLS	0.6	0.7	0.9	- .1	- .3
KNITTING MILLS	12.3	12.2	13.4	.1	- 1.1
TEXTILE FINISHING EXCEPT WOOL	3.7	3.7	4.2	.0	- .5
YARN AND THREAD MILLS	2.2	2.2	2.2	.0	.0
MISC. TEXTILE GOODS	1.0	1.0	1.0	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	29.2	28.8	29.2	.4	.0
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.8	9.6	10.3	.2	- .5
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	16.4	16.3	16.1	.1	.3
MISC. FABRICATED TEXTILE PRODUCTS	1.5	1.4	1.2	.1	.3
PAPER & ALLIED PRODUCTS	11.4	11.4	11.6	.0	- .2
PULP, PAPER & PAPERBOARD	5.6	5.6	5.7	.0	- .1
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	5.6	5.7	5.7	- .1	- .1
MISC. CONVERTED PAPER PRODUCTS	2.4	2.4	2.4	.0	.0
PAPERBOARD CONTAINERS AND BOXES	3.2	3.3	3.3	- .1	- .1
PRINTING AND PUBLISHING	14.1	14.3	13.7	- .2	.4
NEWSPAPER AND PERIODICALS	3.1	3.2	3.0	- .1	.1
COMMERCIAL PRINTING	7.3	7.3	7.0	.0	.3
CHEMICALS & ALLIED PRODUCTS	22.2	22.1	22.9	.1	- .7
INDUSTRIAL INORGANIC CHEMICALS	0.4	0.4	0.5	.0	- .1
PLASTICS MATERIALS AND SYNTHETICS	14.4	14.4	15.1	.0	- .7
DRUGS	1.9	1.9	1.5	.0	.4
AGRICULTURAL CHEMICALS	0.7	0.6	0.8	.1	- .1
MISC. CHEMICAL PRODUCTS	2.8	2.7	2.7	.1	.1
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	8.9	9.0	9.2	- .1	- .3
MISC. PLASTICS PRODUCTS	4.3	4.5	4.4	- .2	- .1
RUBBER & RUBBER PRODUCTS	4.3	4.2	4.5	.1	- .2
LEATHER & LEATHER PRODUCTS	2.9	3.0	3.2	- .1	- .3

See Footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS FEB. 1982	JAN. 1982	FEB. 1981	NET CHANGE FROM JAN. 1982	FEB. 1981
TOTAL NONAGRICULTURAL	26.4	26.5	26.5	- .1	- .1
MANUFACTURING	9.0	9.1	9.2	- .1	- .2
DURABLE GOODS	4.4	4.4	4.7	.0	- .3
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	0.2	0.2	0.3	.0	- .1
STONE, CLAY & GLASS PRODUCTS	0.2	0.2	0.3	.0	- .1
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	2.0	2.0	2.4	.0	- .4
OTHER DURABLE GOODS 1/	2.0	2.0	1.8	.0	.2
NONDURABLE GOODS	4.6	4.7	4.5	- .1	.1
FOOD & KINDRED PRODUCTS	1.8	1.8	1.7	.0	.1
TEXTILE MILL PRODUCTS	0.1	0.1	0.1	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	1.9	1.9	1.9	.0	.0
PAPER & ALLIED PRODS. & PRINTING & PUBLISHING	0.4	0.4	0.4	.0	.0
OTHER NONDURABLE GOODS 2/	0.4	0.5	0.4	- .1	.0
NONMANUFACTURING	17.4	17.4	17.2	.0	.2
CONSTRUCTION	0.7	0.7	0.8	.0	- .1
TRANSPORTATION & PUBLIC UTILITIES	1.0	1.1	1.0	- .1	.0
WHOLESALE & RETAIL TRADE	6.6	6.5	6.1	.1	.5
WHOLESALE TRADE	1.3	1.3	1.3	.0	.0
RETAIL TRADE	5.3	5.2	4.8	.1	.5
FINANCE, INSURANCE AND REAL ESTATE	0.9	0.9	0.9	.0	.0
SERVICES & MINING	3.4	3.4	3.3	.0	.1
GOVERNMENT	4.8	4.8	5.1	.0	- .3
STATE & LOCAL GOVERNMENT	4.3	4.3	4.6	.0	- .3

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS FEB. 1982	JAN. 1982	FEB. 1981	NET CHANGE FROM JAN. 1982	FEB. 1981
TOTAL NONAGRICULTURAL	69.8	69.9	70.4	- .1	- .6
MANUFACTURING	28.2	28.5	28.6	- .3	- .4
DURABLE GOODS	18.3	18.5	18.4	- .2	- .1
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	3.8	3.8	4.0	.0	- .2
OTHER DURABLE GOODS 1/	14.5	14.7	14.4	- .2	.1
NONDURABLE GOODS	10.0	10.0	10.2	.0	- .2
FOOD & KINDRED PRODUCTS	1.6	1.5	1.4	.1	.2
TEXTILE MILL PRODUCTS	1.9	2.0	1.9	- .1	.0
APPAREL & OTHER TEXTILE PRODUCTS	2.0	2.0	2.2	.0	- .2
PAPER & ALLIED PRODUCTS	1.1	1.2	1.1	- .1	.0
OTHER NONDURABLE GOODS 2/	3.3	3.3	3.5	.0	- .2
NONMANUFACTURING	41.6	41.4	41.8	.2	- .2
CONSTRUCTION	2.3	2.4	2.6	- .1	- .3
TRANSPORTATION & PUBLIC UTILITIES	2.7	2.7	2.7	.0	.0
WHOLESALE & RETAIL TRADE	12.1	12.2	12.1	- .1	.0
WHOLESALE TRADE	2.4	2.4	2.3	.0	.1
RETAIL TRADE	9.7	9.8	9.8	- .1	- .1
FINANCE, INSURANCE AND REAL ESTATE	3.2	3.3	3.3	- .1	- .1
SERVICES & MINING	11.1	10.8	10.9	.3	.2
GOVERNMENT	10.1	10.1	10.2	.0	- .1

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

Table A-7. ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS FEB. 1982	JAN. 1982	FEB. 1981	NET CHANGE FROM JAN. 1982	FEB. 1981
TOTAL NONAGRICULTURAL	147.7	147.4	147.1	.3	.6
MANUFACTURING	33.9	33.7	35.3	.2	- 1.4
DURABLE GOODS	28.0	27.8	29.5	.2	- 1.5
STONE, CLAY & GLASS PRODUCTS	0.5	0.5	0.5	.0	.0
TRANSPORTATION EQUIPMENT	24.4	24.1	25.4	.3	- 1.0
OTHER DURABLE GOODS 1/	3.2	3.2	3.7	.0	- .5
NONDURABLE GOODS	6.0	5.9	5.8	.1	.2
FOOD & KINDRED PRODUCTS	2.4	2.4	2.4	.0	.0
TEXTILE MILL PROD & APPAREL & OTHER TEXTILE PRODUCTS	0.4	0.4	0.5	.0	- .1
PRINTING AND PUBLISHING	1.1	1.1	1.1	.0	.0
OTHER NONDURABLE GOODS 2/	2.0	2.0	1.9	.0	.1
NONMANUFACTURING	113.8	113.7	111.8	.1	2.0
CONSTRUCTION	6.2	6.1	6.3	.1	- .1
TRANSPORTATION & PUBLIC UTILITIES	5.3	5.0	4.8	.1	.3
WHOLESALE & RETAIL TRADE	28.4	28.5	28.1	- .1	.3
WHOLESALE TRADE	3.6	3.7	3.5	- .1	.1
RETAIL TRADE	24.8	24.8	24.5	.0	.3
FINANCE, INSURANCE AND REAL ESTATE	4.7	4.7	4.6	.0	.1
SERVICES & MINING	29.1	28.9	27.6	.2	1.5
GOVERNMENT	40.3	40.4	40.4	- .1	- .1
FEDERAL GOVERNMENT	17.0	17.0	16.6	.0	.4
STATE & LOCAL GOVERNMENT	23.3	23.5	23.8	- .2	- .5

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries.

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS FEB. 1982	JAN. 1982	FEB. 1981	NET CHANGE FROM JAN. 1982	FEB. 1981
TOTAL NONAGRICULTURAL	287.1	285.4	281.2	1.7	5.9
MANUFACTURING	29.4	28.4	27.6	1.0	1.8
DURABLE GOODS	17.9	16.9	16.5	1.0	1.4
LUMBER AND WOOD PRODUCTS	1.5	1.5	1.5	.0	.0
STONE, CLAY & GLASS PRODUCTS	1.6	1.7	1.6	- .1	.0
FABRICATED METAL PRODUCTS	1.0	1.0	1.0	.0	.0
MACHINERY EXCEPT ELECTRICAL	1.3	1.3	1.3	.0	.0
TRANSPORTATION EQUIPMENT	8.3	7.2	6.4	1.1	1.9
OTHER DURABLE GOODS 1/	4.2	4.2	4.7	.0	- .5
NONDURABLE GOODS	11.5	11.5	11.1	.0	.4
FOOD & KINDRED PRODUCTS	5.6	5.6	5.2	.0	.4
APPAREL & OTHER TEXTILE PRODUCTS	1.0	1.0	1.0	.0	.0
PRINTING AND PUBLISHING	2.6	2.5	2.4	.1	.2
CHEMICALS & ALLIED PRODUCTS	1.2	1.1	1.3	.1	- .1
AGRICULTURAL CHEMICALS	0.5	0.5	0.7	.0	- .2
OTHER NONDURABLE GOODS 2/	1.2	1.2	1.3	.0	- .1
NONMANUFACTURING	257.6	257.0	253.5	.6	4.1
CONSTRUCTION	15.8	15.6	15.5	.2	.3
TRANSPORTATION & PUBLIC UTILITIES	20.1	20.0	19.2	.1	.9
RAILROAD TRANSPORTATION	1.4	1.4	1.4	.0	.0
WHOLESALE & RETAIL TRADE	69.0	69.1	67.6	- .1	1.4
WHOLESALE TRADE	15.0	14.9	15.0	.1	.0
RETAIL TRADE	54.0	54.2	52.6	- .2	1.4
FINANCE, INSURANCE AND REAL ESTATE	14.9	14.8	14.6	.1	.3
BANKING	4.9	4.8	4.6	.1	.3
INS CARRIERS, AGENTS, BROKERS, & SERVICES	3.3	3.2	3.3	.1	.0
SERVICES & MINING	58.4	58.1	56.3	.3	2.1
PERSONAL SERVICES	4.6	4.5	4.2	.1	.4
GOVERNMENT	79.5	79.3	80.4	.2	- .9
FEDERAL GOVERNMENT	37.7	37.7	36.3	.0	1.4
STATE & LOCAL GOVERNMENT	41.8	41.6	44.1	.2	- 2.3

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS FEB. 1982	JAN. 1982	FEB. 1981	NET CHANGE FROM JAN. 1982	NET CHANGE FROM FEB. 1981
TOTAL NONAGRICULTURAL	465.1	463.9	454.4	1.2	10.7
MANUFACTURING	20.8	20.7	19.7	.1	1.1
DURABLE GOODS	12.5	12.5	12.2	.0	.3
STONE, CLAY & GLASS PRODUCTS	0.9	0.9	1.0	.0	- .1
FABRICATED METAL PRODUCTS	0.8	0.9	1.2	- .1	- .4
MACHINERY EXCEPT ELECTRICAL	0.7	0.7	0.7	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	7.8	7.6	7.1	.2	.7
OTHER DURABLE GOODS 1/	2.4	2.4	2.2	.0	.2
NONDURABLE GOODS	8.3	8.2	7.5	.1	.8
FOOD & KINDRED PRODUCTS	1.1	1.1	1.1	.0	.0
PRINTING AND PUBLISHING	5.5	5.5	4.9	.0	.6
OTHER NONDURABLE GOODS 2/	1.7	1.6	1.5	.1	.2
NONMANUFACTURING	444.3	443.2	434.7	1.1	9.6
MINING	0.4	0.4	0.4	.0	.0
CONSTRUCTION	24.2	23.2	26.4	1.0	- 2.2
TRANSPORTATION & PUBLIC UTILITIES	31.4	31.3	31.9	.1	- .5
TRANSPORTATION BY AIR	8.4	8.4	9.4	.0	- 1.0
ELECTRIC, GAS & SANITARY SERVICES	3.8	3.7	3.7	.1	.1
WHOLESALE & RETAIL TRADE	112.9	114.2	108.5	- 1.3	4.4
WHOLESALE TRADE	22.5	22.5	21.8	.0	.7
RETAIL TRADE	90.4	91.7	86.7	- 1.3	3.7
GENERAL MERCHANDISE STORES	13.5	14.2	13.4	- .7	.1
FOOD STORES	10.1	10.2	10.1	- .1	.0
AUTOMOTIVE DEALERS AND SERVICE STATIONS	10.7	10.8	11.3	- .1	- .6
APPAREL & ACCESSORY STORES	6.2	6.5	5.7	- .3	.5
EATING & DRINKING PLACES	27.9	28.0	26.0	- .1	1.9
FINANCE, INSURANCE AND REAL ESTATE	28.8	28.8	28.3	.0	.5
BANKING	6.7	6.7	6.2	.0	.5
SERVICES	126.6	125.7	121.5	.9	5.1
BUSINESS SERVICES	44.5	44.2	42.3	.3	2.2
GOVERNMENT	120.0	119.7	117.8	.3	2.2
FEDERAL GOVERNMENT	66.3	66.3	63.7	.0	2.6
STATE & LOCAL GOVERNMENT	53.7	53.4	54.0	.3	- .3

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS FEB. 1982	JAN. 1982	FEB. 1981	NET CHANGE FROM JAN. 1982	NET CHANGE FROM FEB. 1981
TOTAL NONAGRICULTURAL	44.8	44.8	44.7	.0	.1
MANUFACTURING	10.0	10.1	10.8	- .1	- .8
DURABLE GOODS	2.3	2.3	2.8	.0	- .5
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	0.4	0.5	0.6	- .1	- .2
STONE, CLAY & GLASS PRODUCTS	0.2	0.2	0.2	.0	.0
FABRICATED METAL PRODUCTS	0.2	0.1	0.1	.1	.1
OTHER DURABLE GOODS 1/	1.5	1.5	1.8	.0	- .3
NONDURABLE GOODS	7.7	7.8	8.0	- .1	- .3
FOOD & KINDRED PRODUCTS	0.3	0.3	0.3	.0	.0
TEXTILE MILL PROD & APPAREL & OTHER TEXTILE PRODUCTS	0.1	0.3	0.3	- .2	- .2
CHEMICALS & ALLIED PRODUCTS	3.3	3.4	3.5	- .1	- .2
OTHER NONDURABLE GOODS 2/	4.0	4.0	3.9	.0	.1
NONMANUFACTURING	34.8	34.7	33.9	.1	.9
CONSTRUCTION	1.7	1.7	1.9	.0	- .2
TRANSPORTATION & PUBLIC UTILITIES	1.3	1.3	1.3	.0	.0
WHOLESALE & RETAIL TRADE	9.0	8.9	8.6	.1	.4
WHOLESALE TRADE	1.1	1.1	1.1	.0	.0
RETAIL TRADE	7.8	7.8	7.5	.0	.3
FINANCE, INSURANCE AND REAL ESTATE	1.2	1.2	1.2	.0	.0
SERVICES & MINING	7.0	7.0	6.5	.0	.5
GOVERNMENT	14.7	14.6	14.3	.1	.4
FEDERAL GOVERNMENT	5.4	5.3	5.1	.1	.3
STATE & LOCAL GOVERNMENT	9.3	9.3	9.2	.0	.1

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	FEB. 1982	JAN. 1982	FEB. 1981	JAN. 1982	FEB. 1981
TOTAL NONAGRICULTURAL	324.7	324.1	323.2	.6	1.5
MANUFACTURING	55.5	55.9	56.3	-.4	-.8
DURABLE GOODS	16.6	16.7	17.2	-.1	-.6
LUMBER AND WOOD PRODUCTS	1.5	1.5	1.5	.0	.0
FURNITURE AND FIXTURES	1.6	1.5	1.8	.1	-.2
STONE, CLAY & GLASS PRODUCTS	1.2	1.2	1.7	.0	-.1
FABRICATED METAL PRODUCTS	2.4	2.4	2.4	.0	.0
FABRICATED STRUCTURAL METAL PRODUCTS	1.7	1.8	1.7	-.1	.0
MACHINERY EXCEPT ELECTRICAL	2.9	2.2	2.9	.0	.0
OTHER DURABLE GOODS 1/	7.6	7.7	8.1	-.1	-.5
NONDURABLE GOODS	38.9	38.9	39.1	.1	-.1
FOOD & KINDRED PRODUCTS	4.2	4.1	4.2	.1	.0
HOSIERY PRODUCTS	1.7	1.6	1.7	.1	.0
TOBACCO MANUFACTURES	13.1	13.1	13.7	.0	-.6
CIGARETTES	12.1	12.1	12.6	.0	-.5
TOBACCO STEMMING AND REDRYING	0.6	0.6	0.7	.0	-.1
APPAREL & OTHER TEXTILE PRODUCTS	2.2	2.2	2.0	.0	.2
PAPER & ALLIED PRODUCTS	4.1	4.1	4.2	.0	-.1
PRINTING AND PUBLISHING	5.6	5.6	5.4	.0	.2
COMMERCIAL PRINTING	3.3	3.3	3.1	.0	.2
CHEMICALS & ALLIED PRODUCTS	8.2	8.2	8.2	.0	.0
OTHER NONDURABLE GOODS 2/	1.6	1.6	1.9	.0	-.3
NONMANUFACTURING	271.2	270.6	269.0	.6	2.2
MINING	0.2	0.3	0.3	-.1	-.1
CONSTRUCTION	16.8	16.4	16.7	.4	.1
TRANSPORTATION & PUBLIC UTILITIES	19.8	19.8	19.5	.0	.3
WHOLESALE & RETAIL TRADE	76.5	76.8	75.4	-.3	1.1
WHOLESALE TRADE	23.8	23.7	23.8	.1	.0
RETAIL TRADE	52.7	53.1	51.5	-.4	1.2
GENERAL MERCHANDISE STORES	11.5	11.6	10.6	-.1	.7
FOOD STORES	7.3	7.3	7.4	.0	-.1
AUTOMOTIVE DEALERS AND SERVICE STATIONS	5.4	5.5	5.6	-.1	-.2
FINANCE, INSURANCE AND REAL ESTATE	26.0	25.9	26.4	.1	-.4
INS CARRIERS, AGENTS, BROKERS, & SERVICES	10.3	10.3	10.6	.0	-.3
SERVICES	60.8	59.7	58.2	1.1	1.6
GOVERNMENT	71.4	71.7	72.5	-.1	-.7
FEDERAL GOVERNMENT	9.1	9.1	9.1	.0	.0
STATE & LOCAL GOVERNMENT	62.7	62.5	63.4	.2	-.7

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.
2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	FEB. 1982	JAN. 1982	FEB. 1981	JAN. 1982	FEB. 1981
TOTAL NONAGRICULTURAL	100.7	100.7	102.6	.0	-1.9
MANUFACTURING	20.5	20.5	21.2	.0	-.7
DURABLE GOODS	11.7	11.8	12.1	-.1	-.4
FURNITURE AND FIXTURES	1.4	1.3	1.3	.1	.1
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	2.3	2.3	2.4	.0	-.1
FABRICATED STRUCTURAL METAL PRODUCTS	1.0	1.0	1.1	.0	-.1
MACHINERY EXCEPT ELECTRICAL	1.7	1.7	1.7	.0	.0
OTHER DURABLE GOODS 1/	6.4	6.4	6.6	.0	-.2
NONDURABLE GOODS	8.8	8.7	9.1	.1	-.3
FOOD & KINDRED PRODUCTS	1.8	1.8	1.8	.0	.0
TEXTILE MILL PRODUCTS	1.7	1.7	2.0	.0	-.3
APPAREL & OTHER TEXTILE PRODUCTS	1.8	1.8	1.9	.0	-.1
PRINTING AND PUBLISHING	1.0	1.0	1.0	.0	.0
OTHER NONDURABLE GOODS 2/	2.5	2.5	2.4	.0	.1
NONMANUFACTURING	80.2	80.2	81.4	.0	-1.2
MINING	0.2	0.2	0.2	.0	.0
CONSTRUCTION	3.9	3.9	4.5	.0	-.6
TRANSPORTATION & PUBLIC UTILITIES	9.8	9.8	9.8	.0	.0
WHOLESALE & RETAIL TRADE	24.9	24.9	24.6	.0	.3
WHOLESALE TRADE	7.4	7.5	7.4	-.1	.0
RETAIL TRADE	17.5	17.5	17.2	.0	.3
FINANCE, INSURANCE AND REAL ESTATE	5.9	6.0	6.1	-.1	-.2
SERVICES	20.3	20.2	20.4	.1	-.1
GOVERNMENT	15.3	15.2	15.9	.1	-.6
FEDERAL GOVERNMENT	3.2	3.2	3.3	.0	-.1
STATE & LOCAL GOVERNMENT	12.0	12.0	12.6	.0	-.6

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.
1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.
2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

Table B-1.

LABOR FORCE ESTIMATES 1/

(Data Not Seasonally Adjusted)

	Preliminary January 1982	Revised December 1981	January 1981
UNITED STATES			
Civilian Labor Force	108,014,000	106,250,000	104,671,000
Employed	97,831,000	97,442,000	96,128,000
Unemployed	10,183,000	8,807,000	8,543,000
Rate	9.4	8.3	8.2
VIRGINIA			
Civilian Labor Force	2,607,200	2,614,000	2,536,500
Employed	2,404,800	2,446,600	2,382,000
Unemployed	202,400	167,400	154,500
Rate	7.8	6.4	6.1
BRISTOL AREA			
Civilian Labor Force	37,870	39,320	39,280
Employed	34,410	36,520	36,430
Unemployed	3,460	2,800	2,850
Rate	9.1	7.1	7.3
LYNCHBURG SMSA			
Civilian Labor Force	74,900	80,310	75,970
Employed	70,340	73,570	72,410
Unemployed	4,560	6,740	3,560
Rate	6.1	8.4	4.7
NEWPORT NEWS-HAMPTON SMSA			
Civilian Labor Force	165,130	174,050	167,390
Employed	152,910	162,690	158,310
Unemployed	12,220	11,360	9,080
Rate	7.4	6.5	5.4
NORFOLK-VIRGINIA BEACH-PORTSMOUTH SMSA			
Civilian Labor Force	337,370	343,050	325,770
Employed	308,870	320,010	306,350
Unemployed	28,500	23,040	19,420
Rate	8.4	6.7	6.0
NORTHERN VIRGINIA AREA			
Civilian Labor Force	607,100	587,200	566,900
Employed	579,900	564,000	564,200
Unemployed	27,200	23,200	17,700
Rate	4.5	3.9	3.1
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL SMSA			
Civilian Labor Force	59,280	60,550	59,230
Employed	53,610	55,650	55,300
Unemployed	5,670	4,900	3,930
Rate	9.6	8.1	6.6
RICHMOND SMSA			
Civilian Labor Force	336,210	338,860	331,640
Employed	318,340	323,660	319,680
Unemployed	17,870	15,200	11,960
Rate	5.3	4.5	3.6
ROANOKE SMSA			
Civilian Labor Force	110,180	112,250	110,200
Employed	101,750	104,310	104,640
Unemployed	8,430	7,940	5,560
Rate	7.7	7.1	5.0

1/ All data adjusted to a place-of-residence basis.

NOTE: Employment includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to first quarter 1981 benchmark levels.

Manpower Research
Virginia Employment Commission

HOURS AND GROSS EARNINCS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981
MANUFACTURING	$277.92	$250.53	$261.62	38.6	34.7	39.7	$7.20	$7.22	$6.59
DURABLE GOODS	278.52	249.74	263.97	38.9	34.4	40.3	7.16	7.26	6.55
LUMBER AND WOOD PRODUCTS	195.41	166.95	189.13	36.8	31.5	37.6	5.31	5.30	5.03
FURNITURE AND FIXTURES	164.90	122.26	174.66	34.0	24.9	38.9	4.85	4.91	4.49
HOUSEHOLD AND OFFICE FURNITURE	162.43	119.56	173.82	33.7	24.5	38.8	4.82	4.88	4.48
STONE, CLAY & GLASS PRODUCTS	260.82	224.38	241.16	37.8	32.1	39.6	6.90	6.99	6.09
STRUCTURAL CLAY PRODUCTS	192.43	195.80	82.83	33.7	33.7	16.5	5.71	5.81	5.02
GLASS AND GLASS PRODUCTS	277.86	276.05	244.62	36.9	35.3	40.5	7.53	7.82	6.04
PRIMARY METAL INDUSTRIES	325.24	294.93	333.88	37.6	33.9	39.7	8.65	8.70	8.41
FABRICATED METAL PRODUCTS	345.28	306.53	317.93	41.7	37.2	40.5	8.28	8.24	7.85
FABRICATED STRUCTURAL METAL PRODUCTS	316.50	277.51	300.76	42.2	37.1	41.2	7.50	7.48	7.30
MACHINERY EXCEPT ELECTRICAL	312.94	288.73	283.20	40.8	37.4	40.4	7.67	7.72	7.01
CONSTRUCTION AND RELATED MACHINERY	329.02	318.20	271.29	42.4	40.9	38.7	7.76	7.78	7.01
SPECIAL INDUSTRY MACHINERY	388.13	344.58	322.81	41.6	38.5	40.2	9.33	8.95	8.03
REFRIGERATION AND SERVICE MACHINERY	279.73	291.81	329.88	40.6	41.1	45.5	6.89	7.10	7.25
ELECTRIC & ELECTRONIC EQUIPMENT	289.93	269.01	272.15	39.5	36.7	40.2	7.34	7.33	6.77
COMMUNICATION EQUIPMENT	309.68	287.92	306.27	39.5	36.4	41.0	7.84	7.91	7.47
INSTRUMENTS & RELATED PRODUCTS	168.82	159.58	199.33	33.9	32.5	41.7	4.98	4.91	4.78
MISC. MANUFACTURING INDUSTRIES	228.61	188.71	214.73	37.6	31.4	38.9	6.08	6.01	5.52
NONDURABLE GOODS	278.02	251.65	259.11	38.4	35.0	39.2	7.24	7.19	6.61
FOOD & KINDRED PRODUCTS	255.30	247.46	221.63	38.8	37.1	37.0	6.58	6.67	5.99
TOBACCO MANUFACTURES	408.06	269.49	383.41	37.3	25.4	37.7	10.94	10.61	10.17
CIGARETTES	425.97	277.73	404.84	37.3	24.6	37.8	11.42	11.29	10.71
TEXTILE MILL PRODUCTS	215.34	187.62	211.70	37.0	32.8	40.4	5.82	5.72	5.24
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	237.00	214.32	230.04	39.5	35.9	41.3	6.00	5.97	5.57
KNITTING MILLS	179.52	152.15	191.18	32.0	28.6	39.5	5.61	5.32	4.84
YARN AND THREAD MILLS	201.89	178.72	183.23	39.9	36.4	40.9	5.06	4.91	4.48
MISC. TEXTILE GOODS	245.81	192.89	169.49	40.9	33.9	32.1	6.01	5.69	5.28
APPAREL & OTHER TEXTILE PRODUCTS	166.72	147.23	159.87	35.7	31.8	36.5	4.67	4.63	4.38
MENS & BOYS SUITS, COATS AND FURNISHINGS	161.53	142.35	162.79	32.5	28.7	35.7	4.97	4.96	4.56
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	162.90	146.73	156.40	36.2	32.9	36.8	4.50	4.46	4.25
PAPER & ALLIED PRODUCTS	369.64	355.90	342.34	42.1	39.5	42.9	8.78	9.01	7.98
PULP, PAPER & PAPERBOARD	460.12	459.98	420.08	44.2	43.6	44.5	10.41	10.55	9.44
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	281.90	255.25	266.80	40.1	35.5	41.3	7.03	7.19	6.46
PRINTING AND PUBLISHING	312.04	299.21	312.24	38.1	36.4	38.5	8.19	8.22	8.11
NEWSPAPER AND PERIODICALS	268.81	262.72	253.30	34.2	32.0	34.0	7.86	8.21	7.45
CHEMICALS & ALLIED PRODUCTS	393.54	380.69	357.42	41.6	41.2	42.0	9.46	9.24	8.51
PLASTICS MATERIALS AND SYNTHETICS	408.10	386.22	373.51	41.6	41.0	42.3	9.81	9.42	8.83
AGRICULTURAL CHEMICALS	284.45	252.84	249.08	44.1	39.2	40.7	6.45	6.45	6.12
LEATHER & LEATHER PRODUCTS	137.81	115.89	153.64	34.8	28.9	38.7	3.96	4.01	3.97

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981
MANUFACTURING	$229.90	$210.46	$228.92	37.2	34.0	37.9	$6.18	$6.19	$6.04
DURABLE GOODS	292.30	259.74	284.62	39.5	35.1	40.2	7.40	7.40	7.08
FABRICATED METAL PRODUCTS	359.39	318.64	317.15	40.2	34.9	39.3	8.94	9.13	8.07
MACHINERY & TRANSPORTATION EQUIPMENT	260.91	257.09	260.58	39.0	38.2	40.4	6.69	6.73	6.45
NONDURABLE GOODS	169.05	159.74	166.97	35.0	32.8	35.3	4.83	4.87	4.73
FOOD & KINDRED PRODUCTS	187.47	185.65	189.95	33.9	32.8	34.6	5.53	5.66	5.49
APPAREL & OTHER TEXTILE PRODUCTS	145.61	131.77	134.58	34.1	31.3	33.9	4.27	4.21	3.97

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,800 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981
MANUFACTURING	$254.83	$241.03	$263.56	36.3	33.9	40.3	$7.02	$7.11	$6.54
DURABLE GOODS	267.86	246.33	272.00	36.1	32.8	40.0	7.42	7.51	6.80
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	112.28	93.15	173.88	22.5	18.3	37.8	4.99	5.09	4.60
NONDURABLE GOODS	234.42	233.89	250.92	36.4	35.6	40.8	6.44	6.57	6.15
FOOD & KINDRED PRODUCTS	283.46	265.62	257.00	39.7	38.0	40.6	7.14	6.99	6.33
TEXTILE MILL PRODUCTS	201.28	216.81	228.48	34.0	36.5	40.8	5.92	5.94	5.60
APPAREL & OTHER TEXTILE PRODUCTS	118.28	118.76	145.48	28.5	27.3	36.1	4.15	4.35	4.03
PAPER & ALLIED PRODUCTS	372.28	393.65	396.67	45.4	47.6	52.4	8.20	8.27	7.57

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 19,000 production workers.

See Footnote Table C-1.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981
MANUFACTURING	$299.63	$274.81	$272.14	40.6	37.8	40.8	$7.38	$7.27	$6.67
DURABLE GOODS	326.61	293.35	291.18	41.5	37.9	42.2	7.87	7.74	6.90
LUMBER AND WOOD PRODUCTS	216.60	137.34	226.86	34.6	25.2	39.8	6.26	5.45	5.70
STONE, CLAY & GLASS PRODUCTS	294.34	271.73	256.89	43.8	40.8	41.5	6.72	6.66	6.19
FABRICATED METAL PRODUCTS	235.01	233.25	216.59	39.3	39.4	37.8	5.98	5.92	5.73
MACHINERY EXCEPT ELECTRICAL	254.00	149.85	253.34	40.0	22.2	41.6	6.35	6.75	6.09
TRANSPORTATION EQUIPMENT	399.16	394.69	361.89	44.4	44.8	46.1	8.99	8.81	7.85
NONDURABLE GOODS	246.63	240.64	235.84	38.9	37.6	38.1	6.34	6.40	6.19
FOOD & KINDRED PRODUCTS	238.88	227.96	225.33	37.5	36.3	37.0	6.37	6.28	6.09
CHEMICALS & ALLIED PRODUCTS	294.95	278.40	253.94	42.5	38.4	40.5	6.94	7.25	6.27

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 32,600 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981
MANUFACTURING	$290.68	$277.33	$293.97	38.5	36.3	41.0	$7.55	$7.64	$7.17
DURABLE GOODS	281.47	265.13	277.43	39.7	37.5	41.1	7.09	7.07	6.75
STONE, CLAY & GLASS PRODUCTS	212.21	188.15	230.23	33.9	30.2	38.5	6.26	6.23	5.98
FABRICATED METAL PRODUCTS	326.41	312.73	290.80	40.7	38.8	40.9	8.02	8.06	7.11
ELECTRIC & ELECTRONIC EQUIPMENT	294.79	279.45	295.49	42.6	40.5	43.2	6.92	6.90	6.84
NONDURABLE GOODS	305.07	295.99	319.46	36.8	34.7	40.8	8.29	8.53	7.83
FOOD & KINDRED PRODUCTS	297.40	302.76	280.02	39.6	40.1	40.7	7.51	7.55	6.88

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 10,400 production workers.

See footnote C-1.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981
MANUFACTURING	$353.05	$332.69	$310.86	37.8	34.8	39.3	$9.34	$9.56	$7.91
DURABLE GOODS	171.48	136.50	192.76	32.6	26.3	39.5	5.26	5.19	4.88
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	186.00	108.03	186.19	37.5	22.6	39.7	4.96	4.78	4.69
NONDURABLE GOODS	403.76	389.11	353.19	39.2	37.2	39.2	10.30	10.46	9.01
FOOD & KINDRED PRODUCTS	214.18	223.65	201.48	36.8	37.4	36.5	5.82	5.98	5.52
CHEMICALS & ALLIED PRODUCTS	421.89	443.70	371.13	41.0	42.5	41.1	10.29	10.44	9.03

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 7,600 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981
MANUFACTURING	$368.96	$292.05	$342.80	40.5	33.0	40.0	$9.11	$8.85	$8.57
DURABLE GOODS	329.83	282.91	321.17	39.5	33.6	40.5	8.35	8.42	7.93
LUMBER AND WOOD PRODUCTS	194.71	168.68	201.60	37.3	32.5	40.0	5.22	5.19	5.04
FURNITURE AND FIXTURES	177.29	142.75	192.06	35.6	28.1	39.6	4.98	5.08	4.85
FABRICATED METAL PRODUCTS	426.31	319.93	375.06	44.5	34.7	39.9	9.58	9.22	9.40
FABRICATED STRUCTURAL METAL PRODUCTS	465.56	344.92	418.77	45.2	34.7	40.5	10.30	9.94	10.34
PRIMARY METAL INDUSTRIES	433.56	418.88	471.17	38.3	35.2	40.9	11.32	11.90	11.52
NONDURABLE GOODS	383.64	294.95	351.04	40.9	32.7	39.8	9.38	9.02	8.82
FOOD & KINDRED PRODUCTS	257.91	236.83	237.07	38.9	35.4	38.8	6.63	6.69	6.11
TOBACCO MANUFACTURES	462.16	254.50	406.67	41.9	23.2	37.9	11.03	10.97	10.73
CIGARETTES	470.64	249.75	414.63	42.4	22.5	37.9	11.10	11.10	10.94
APPAREL & OTHER TEXTILE PRODUCTS	202.69	169.68	176.72	39.9	33.8	38.5	5.08	5.02	4.59
PAPER & ALLIED PRODUCTS	324.77	290.70	311.64	40.8	35.8	42.4	7.96	8.12	7.35
PRINTING AND PUBLISHING	351.23	324.26	332.13	39.2	37.4	38.8	8.96	8.67	8.56
CHEMICALS & ALLIED PRODUCTS	448.98	414.12	414.19	42.0	40.6	43.1	10.69	10.20	9.61

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,200 production workers.

See footnote Table C-1

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981	FEB. 1982	JAN. 1982	FEB. 1981
MANUFACTURING	$254.98	$224.70	$240.47	38.4	32.1	39.1	$6.64	$7.00	$6.15
DURABLE GOODS	264.42	228.15	245.31	39.0	31.6	39.0	6.78	7.22	6.29
FABRICATED METAL PRODUCTS	254.32	221.96	238.94	39.8	34.2	41.7	6.39	6.49	5.73
FABRICATED STRUCTURAL METAL PRODUCTS	242.56	194.85	238.78	37.9	29.3	41.6	6.40	6.65	5.74
NONDURABLE GOODS	242.14	220.74	233.43	37.6	32.8	39.1	6.44	6.73	5.97
FOOD & KINDRED PRODUCTS	268.90	264.26	253.02	44.3	42.9	43.4	6.07	6.16	5.83
TEXTILE MILL PRODUCTS	217.17	206.25	191.00	39.2	36.7	39.3	5.54	5.62	4.86

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,200 production workers.

See footnote Table C-1.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS
U. S. CITY AVERAGE

ALL ITEMS -- (1967=100)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.	ANNUAL AVERAGE PERCENT CHANGE
1970	113.3	113.9	114.5	115.2	115.7	116.3	116.7	116.9	117.5	118.1	118.5	119.1	116.3	5.9
1971	119.2	119.4	119.8	120.2	120.8	121.5	121.8	122.1	122.2	122.4	122.6	123.1	121.3	4.3
1972	123.2	123.8	124.0	124.3	124.7	125.0	125.5	125.7	126.2	126.6	126.9	127.3	125.3	3.3
1973	127.7	128.6	129.8	130.7	131.5	132.4	132.7	135.1	135.5	136.6	137.6	138.5	133.1	6.2
1974	139.7	141.5	143.1	143.9	145.5	146.9	148.0	149.9	151.7	153.0	154.3	155.4	147.7	11.1
1975	156.1	157.2	157.8	158.6	159.3	160.6	162.3	162.8	163.6	164.6	165.6	166.3	161.2	9.1
1976	166.7	167.1	167.5	168.2	169.2	170.1	171.1	171.9	172.6	173.3	173.8	174.3	170.5	5.8
1977	175.3	177.1	178.2	179.6	180.6	181.8	182.6	183.3	184.0	184.5	185.4	186.1	181.5	6.4
1978	187.2	188.4	189.8	191.5	193.3	195.3	196.7	197.8	199.3	200.9	202.0	202.9	195.4	7.7
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4	11.3
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8	13.5
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4	10.4
1982	282.5													

SOURCE: U. S. Department of Labor, Bureau of Labor Statistics

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	February 2/ 1982	January 1982	February 1981	January 1981
NONAGRICULTURAL	2,193.2	2,179.1	2,173.9	2,161.9
MANUFACTURING	405.7	405.1	413.8	414.0
Durable Goods	184.6	183.0	190.3	190.3
Lumber & Wood Products	22.1	21.8	22.2	22.2
Furniture and Fixtures	23.5	23.7	25.6	25.5
Stone, Clay and Glass Products	11.7	12.1	13.1	12.8
Primary Metal Industries	11.1	11.2	11.9	12.0
Fabricated Metal Products	19.8	19.7	20.3	20.1
Machinery, except Electrical	14.9	14.9	15.5	15.5
Electric and Electronic Equipment	35.9	36.0	35.5	35.5
Transportation Equipment	39.0	36.8	39.4	39.3
Instruments and Related Products	4.0	3.9	4.2	4.1
Nondurable Goods	221.1	222.0	223.8	223.6
Food and Kindred Products	40.9	40.3	40.6	40.1
Tobacco Manufactures	19.0	18.8	18.5	18.3
Textile Mill Products	42.5	42.7	44.7	44.5
Apparel and Other Textile Products	33.1	33.0	32.8	33.1
Paper and Allied Products	14.7	15.0	15.0	15.2
Printing and Publishing	23.1	23.0	22.8	22.6
Chemicals and Allied Products	32.9	33.3	33.8	33.9
Leather and Leather Products	3.4	3.4	3.7	3.7
MINING	24.6	24.7	23.9	23.9
Bituminous Coal and Lignite Mining	22.3	22.2	20.9	20.8
CONTRACT CONSTRUCTION	114.2	110.1	124.4	121.7
TRANSPORTATION & PUBLIC UTILITIES	119.2	119.1	116.4	115.8
Railroad Transportation	13.8	13.5	13.5	13.4
Trucking and Warehousing	27.5	27.8	27.8	28.1
Transportation by Air	11.1	11.1	11.7	11.8
Communication	33.4	33.3	31.6	32.0
Electric, Gas and Sanitary Services	18.2	18.1	17.1	16.9
WHOLESALE AND RETAIL TRADE	478.7	474.9	459.8	455.9
Wholesale Trade	108.9	108.4	107.3	107.0
Retail Trade	371.1	366.7	353.5	349.1
General Merchandise Stores	58.7	58.2	58.8	57.0
Food Stores	57.7	57.5	56.9	56.8
FINANCE, INSURANCE & REAL ESTATE	107.0	106.7	105.9	105.7
Banking	34.7	34.5	33.3	33.3
Insurance Carriers	20.1	20.2	20.3	20.2
SERVICES	425.0	423.1	409.6	409.5
Personal Services	20.1	20.2	24.3	24.5
Business Services	83.3	83.2	80.4	81.0
GOVERNMENT	512.3	510.7	514.5	512.5
Federal Government	159.4	158.9	155.7	156.0
State and Local Government	352.4	352.1	358.7	356.8

(Continued on page 20)

Table D-1

VIRGINIA

SEASONALLY ADJUSTED	February 2/ 1982	January 1982	February 1981	January 1981
(Continued from page 19)				
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	38.9	35.1	40.0	40.0
Durable Goods	39.3	34.9	40.7	40.6
Lumber and Wood Products	37.7	32.7	38.4	39.5
Furniture and Fixtures	34.2	25.7	39.1	38.7
Household & Office Furniture	33.9	25.3	39.1	38.5
Stone, Clay & Glass Products	38.8	33.6	40.6	40.2
Primary Metal Industries	37.0	33.0	41.0	39.0
Fabricated Metal Products	42.6	37.6	41.3	41.7
Fabricated Structural Metal Products	43.6	38.0	42.5	42.2
Machinery, except Electrical	40.7	37.7	40.3	39.7
Electric and Electronic Equipment	39.3	36.6	40.0	40.1
Instruments & Related Products	34.4	33.0	42.4	40.2
Miscellaneous Manufacturing Industries	37.6	31.6	38.9	38.3
Nondurable Goods	38.6	35.7	39.4	40.0
Food & Kindred Products	40.1	37.7	38.2	38.7
Tobacco Manufactures	38.3	25.9	38.7	40.2
Cigarettes	38.3	24.8	38.9	40.3
Textile Mill Products	37.0	32.9	40.4	39.9
Weaving Mills, Cotton, Synthetics and Wool	39.7	35.9	41.6	41.3
Knitting Mills	32.1	29.5	39.6	38.4
Apparel & Other Textile Products	35.5	33.5	36.3	38.3
Men's and Boys' Suits, Coats and Furnishings	32.5	30.5	35.7	37.7
Women's and Children's Outerwear & Undergarments	35.0	34.1	36.6	38.2
Paper & Allied Products	42.3	39.0	43.0	43.4
Pulp, Paper and Paperboard	43.9	43.6	44.1	45.4
Printing and Publishing	38.3	36.7	38.7	37.8
Newspapers and Periodicals	33.7	33.1	33.6	33.6
Chemicals & Allied Products	41.3	41.3	41.7	42.0
Plastics Materials & Synthetics	41.3	41.0	42.0	42.0
Agricultural Chemicals	42.9	39.4	39.6	41.1
Leather & Leather Products	35.2	29.4	39.2	37.3

1/ Employment in thousands.

2/ Preliminary

Revised to 1st Qtr. 1981 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, SEASONALLY ADJUSTED
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1972 - 1981
JANUARY 1978 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.9	432.8
1977	1,930.6	401.0	21.9	113.7	105.9	399.4	90.3	324.9	454.8
1978	2,033.0	409.4	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.4	413.2	24.3	135.2	114.3	439.9	103.3	374.6	493.6
1980	2,156.8	413.7	22.7	128.6	115.8	451.1	105.9	408.1	511.0
1981	2,160.4	412.0	21.4	115.9	116.7	462.9	106.3	415.8	509.6
1978:									
January	1,967.9	405.5	14.1	120.4	105.1	413.6	93.1	341.0	471.2
February	1,981.5	406.0	13.7	121.9	105.4	416.7	93.7	344.2	473.8
March	1,987.2	406.2	13.4	121.8	106.5	418.3	94.5	347.1	476.1
April	2,013.2	405.3	24.3	129.9	106.9	421.1	95.1	349.4	480.3
May	2,027.6	408.8	22.8	129.7	108.8	425.4	96.1	354.1	481.7
June	2,048.2	410.5	23.1	132.3	109.2	430.6	97.9	358.4	486.1
July	2,046.1	410.2	23.3	132.6	103.7	431.4	97.8	362.6	486.5
August	2,054.0	411.5	21.0	132.8	104.8	433.4	98.4	365.5	487.8
September	2,052.9	411.0	17.2	133.0	104.6	435.1	99.5	367.1	485.9
October	2,063.8	412.1	23.1	134.4	111.7	433.6	98.6	364.7	486.3
November	2,073.7	412.5	24.2	135.1	111.6	437.6	99.5	368.2	487.8
December	2,079.6	413.0	24.4	134.2	112.1	438.6	100.9	371.3	488.6
1979:									
January	2,091.1	415.2	26.6	134.2	114.3	437.2	101.2	369.3	490.6
February	2,078.2	405.9	26.5	128.5	113.7	437.0	102.0	371.3	489.1
March	2,088.9	409.9	25.8	133.8	114.4	439.6	101.7	372.7	489.0
April	2,088.1	410.3	25.1	134.4	112.3	440.2	102.2	373.4	488.9
May	2,093.3	411.8	23.7	136.3	113.4	440.5	102.8	373.7	490.8
June	2,093.4	412.2	23.2	136.7	115.4	438.8	103.2	372.8	491.2
July	2,097.5	415.0	23.3	137.6	115.0	439.4	103.6	372.0	493.3
August	2,101.5	414.9	23.9	137.6	114.9	438.9	103.9	372.5	495.4
September	2,105.8	415.9	23.6	137.0	114.9	439.5	104.4	375.1	496.2
October	2,112.6	416.2	22.8	135.5	114.[illegible]	441.4	105.1	379.1	498.3
November	2,116.1	415.6	23.5	135.3	114.6	444.5	105.6	381.8	499.2
December	2,114.5	415.4	23.9	135.6	114.3	441.9	105.1	381.4	501.0
1980:									
January	2,146.5	417.9	24.2	139.2	114.1	446.2	105.5	395.5	502.4
February	2,153.5	419.2	23.7	138.3	114.4	447.3	105.6	396.7	504.3
March	2,146.2	420.1	23.2	131.3	114.1	447.1	105.7	396.4	506.2
April	2,155.7	416.9	23.4	130.5	116.0	449.3	106.0	403.1	508.6
May	2,154.2	415.1	22.0	129.1	116.8	449.2	105.9	405.7	510.3
June	2,150.6	412.0	21.8	126.5	115.9	449.5	106.0	408.5	510.3
July	2,141.8	405.3	21.7	125.1	116.1	450.9	105.9	410.4	508.6
August	2,159.3	409.9	22.5	125.0	116.7	453.3	106.0	413.9	513.1
September	2,165.4	409.8	22.5	125.2	116.2	454.3	106.0	414.2	518.4
October	2,167.3	412.2	22.4	125.1	116.5	454.4	105.9	416.9	514.7
November	2,168.3	413.0	22.7	124.6	116.1	455.0	106.2	417.8	515.4
December	2,172.6	413.4	23.0	123.6	116.2	456.5	106.4	418.6	519.9
1981:									
January	2,161.9	414.0	23.9	121.7	115.8	455.9	105.7	409.5	512.5
February	2,173.9	413.8	23.9	124.4	116.4	459.8	105.9	409.6	514.5
March	2,168.7	416.3	23.7	121.0	116.0	458.4	106.4	409.6	515.1
April	2,152.5	414.5	13.3	118.1	115.1	458.2	107.2	410.6	513.1
May	2,145.8	414.8	12.6	115.8	116.1	458.4	106.1	411.5	510.7
June	2,158.7	414.6	21.3	114.5	116.7	463.5	106.0	415.1	507.7
July	2,154.5	412.1	21.7	113.4	117.6	464.7	106.0	418.8	503.0
August	2,157.4	411.5	22.7	112.6	117.6	465.8	106.1	419.7	503.0
September	2,164.6	411.9	23.2	112.7	117.5	467.5	106.6	421.2	505.7
October	2,163.2	407.5	23.3	112.8	117.7	468.2	106.5	419.5	508.7
November	2,163.0	406.8	23.6	112.3	116.9	466.9	106.5	421.8	510.3
December	2,160.3	406.4	23.4	111.8	116.5	467.0	106.0	423.1	511.1
1982:									
January	2,179.1	405.1	24.7	110.1	119.1	474.9	106.7	423.1	510.7
February	2,193.2	405.7	24.6	114.2	119.2	478.7	107.0	425.6	512.3

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to 1st Qtr. 1981 benchmark levels.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.